

NHPP-0061 (14)

ANALYSIS OF BIDS
 JOB NO. 100759 BLACK RIVER STR. & APPRS. (POCAHONTAS) (S)
 LETTING OF MARCH 23, 2016

QUANTITY	UNIT	ITEM	JENSEN CONSTR. CO.	W/G YATES & SONS CONSTR. CO.	ROBERTSON CONTR., INC.	AVG OF LOW BIDS
1.00	LS	REM. OF EXIST. BR. STR. (SITE 1)	1,000,000.00	3,000,000.00	950,000.00	1,650,000.00
1,949.00	CUYD	UNCLASS. EXCAV. FOR STRS-BR	300.00	40.00	870.00	403.33
1,504.30	CUYD	CLASS S CONCRETE - BRIDGE	950.00	735.00	850.00	845.00
1,803.70	CUYD	CLASS S (AE) CONCRETE - BRIDGE	900.00	475.00	730.00	701.67
127.50	GAL	CLASS 1 PROTECT. SURF. TREATMENT	118.00	90.00	150.00	119.33
397,430.00	LB	EPOXY COATED REINF. STEEL (GR. 60)	1.00	1.00	1.15	1.05
178,350.00	LB	REINF. STEEL-BRIDGE (GR 60)	1.00	1.00	1.00	1.00
7,792.00	LF	STELL SHELL PILING (18" DIA.)	75.00	90.00	115.00	93.33
1,175.00	LF	PILE ENCASEMENT	75.00	205.00	125.00	135.00
540.00	LF	PREBORING	9.56	60.00	50.00	39.85
1,263.00	LF	METAL BRIDGE RAILING (TYPE H)	60.00	60.00	75.00	65.00
2.00	EACH	TRANSITIONAL APPROACH RAILING	8,000.00	7,000.00	7,500.00	7,500.00
460,720.00	LB	STRUCT. STL IN BEAM SPANS (M270-GR. 50W)	2.60	2.00	2.20	2.27
524,740.00	LF	STRUCT. STL IN PL. GRDR. SPANS (M270-GR. 50W)	2.60	2.00	2.20	2.27
54,045.00	CUIN	ELASTOMERIC BEARINGS	1.80	2.50	2.50	2.27
164.00	LF	SILICONE JOINT SEAL	60.00	45.00	50.00	51.67
82.00	LF	ARMORED JOINT WITH NEOPRENE SEAL	200.00	260.00	230.00	230.00
1.00	EACH	BRIDGE NAME PLATE (TYPE D)	1,000.00	750.00	1,000.00	916.67
31.00	CUYD	CONCRETE RIPRAP	600.00	600.00	250.00	483.33
40.00	SQYD	BRIDGE DECK REPAIR (BRIDGE 06021)	800.00	150.00	500.00	483.33
138.40	CUYD	APPROACH SLABS	250.00	600.00	600.00	483.33
16,553.00	LB	REINF. STEEL-RDWY (GR 60)	1.00	1.00	1.20	1.07
TOTAL AMOUNT BID FOR JOB			\$10,139,227.11	\$10,573,180.65	\$11,246,869.73	
TOTAL AMOUNT BID FOR BRIDGE			\$8,785,877.40	\$8,951,543.50	\$9,537,023.60	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
A06021	1271.17	40.67	51,694.15	1A	*1B
		A =	51,694.15		2B

1A: 4 CONT. COMP. W-BEAM UNITS (180'-0", 216'-0" AND 2 @ 224'-0") AND 1 CONT. COMP. PL. GRDR. UNIT (425'-0") ON CONC. PILE BENTS AND CONC. COLUMNS

1B: (BR. NO. 00483) 1,253.9' LONG AND 27.0' WIDE W/REINF. CONC. DECK GRDR. APPR. SPANS ON TRESTLE PILE ABUTMENTS & INT. BENTS. THRU TRUSS ON WALL-TYPE PIERS W/CONC. PILE/SPREAD FTGS. CENTER PIER ON OCT. PIVOT PIER ON SPREAD FTG.

2B: (BR. NO. 06021) 1253' LONG AND 30' WIDE W/IR. C. SLAB SPANS (23 @ 36'-0") AND 1 CONT. PLATE GRDR UNIT (425'-0") ON CONC. PILE BENTS AND CONC. COLUMNS

OUT TO OUT COST (\$/SF) = \$8,785,877.40/A = \$169.96
 LESS REMOVAL AND BRIDGE DECK REPAIR (\$/SF) \$19.86
 NET COST (\$/SF) \$150.10

FHWA COST (\$/SF) = \$7735277.40/A = \$149.64
 EXISTING BR. REMOVAL (\$/SF) = \$29.54
 DEDUCT REMVL. BR. DECK REPAIR, RIPRAP, AND FLTR BLNKT COSTS FROM FHWA COST.

* STR. DEFICIENT BRIDGE
 FUNCTION CLASS - 14 - OTHER PRIN. ART-U
 ON NHS

JOB 100759 LET 3/23/2016
 DESIGN SECTION -KWVY